

Atty. Docket No. YOR920000440US1
(590.024)

--1. (Twice Amended) An apparatus for guiding at least one optical path for an optoelectronic transceiver, said apparatus comprising:

an input interface;

an output interface; and

at least one bent element having a buffer layer being disposed between said input and output interfaces;

31 said at least one bent element being adapted to provide at least one optical path:

said at least one bent element being adapted to avoid premature mechanical failure;

wherein said at least one bent element has a fully intact buffer layer and includes a bending radius of less than about 2.5 mm.--

-- 12. (Twice Amended) A method of forming apparatus for guiding at least one optical path for an optoelectronic transceiver, said method comprising the steps of:

62 providing an input interface;

providing an output interface; and

disposing at least one bent element having a buffer layer between said input and output interfaces;

adapting said at least one bent element to provide at least one optical path;

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adapting said at least one bent element to avoid premature mechanical failure;

B2 cont. wherein said at least one bent element has a fully intact buffer layer and includes a bending radius of less than about 2.5 mm.—

-- 23. (Amended) A method of forming apparatus for guiding at least one optical path for an optoelectronic transceiver, said method comprising the steps of:

providing an input interface;

providing an output interface; and

providing at least one waveguide between said input and output interfaces,

wherein said at least one waveguide is etched from at least one glass sheet;

adapting said at least one waveguide to provide at least one optical path;

adapting said at least one waveguide to avoid premature mechanical failure;

wherein said at least one waveguide includes a bend radius of less than about 2.5

mm.—

REMARKS

Applicants and the undersigned are most grateful for the time and effort accorded the instant application by the Examiner. The Office is respectfully requested to reconsider the rejections presented in the outstanding Office Action in light of the following remarks.